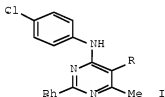


TITLE: Method of preparing 2-phenyl-4-(4'-chlorophenylamino)-
6-methyl-5-(hydroxymethyl)pyrimidine
INVENTOR(S): Machon, Zdzislaw; Cieplik, Jerzy; Wieczorek, Zbigniew;
Zimecki, Michal
PATENT ASSIGNEE(S): Akademia Medyczna, Pol.
SOURCE: Pol., 3 pp.
CODEN: POXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Polish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 164076	B1	19940630	PL 1990-284351	19900315
PRIORITY APPLN. INFO.:			PL 1990-284351	19900315
OTHER SOURCE(S):			CASREACT 123:83387	
ED Entered STN: 19 Jul 1995				
GI				

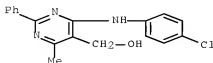


AB Title compound I (R = CH₂OH) (II) is prepared by reduction of I (R = CO₂Et) with LiAlH₄ in anhydrous THF. An example gave 82.2% yield of II. Strong immunostimulant activity was demonstrated by II both in vitro and in vivo, e.g., using the Jerne test and GvH tests (no addnl. data).

IT 154957-61-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)

RN 154957-61-6 HCAPLUS

CN 5-Pyrimidinemethanol, 4-[(4-chlorophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



IC ICM C07D239-42
CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 1

IT 154957-61-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)

IT 94037-17-9

RL: RCT (Reactant); RACT (Reactant or reagent)
(reduction; preparation of
phenyl(chlorophenyl)aminomethyl(hydroxymethyl)pyrimidine as immunostimulant)